

URL <https://play.google.com/store/apps/details?id=it.piemonte.arpa.openoise>

Quick facts

- Company: Arpa Piemonte
- Sector: Environment
- Product / service: Application
- Type of data: Environmental data
- Origin: Italy



Description

OpeNoise is an application for mobile devices measuring real-time noise levels. The application provides current statistics and visualises the data through a variety of charts. Beyond the measurement of the sound level (dB), OpeNoise also records and visualises the sound's frequency composition.

Benefits

OpeNoise provides users with a number of real-time figures such as:

- Weighted sound pressure level measurement
- Minimum and maximum levels
- Third octave and FFT analysis

The interface also enables users to download collected data.



How open data is used

OpeNoise makes use of open-source code that is licensed under GNU v.2 or later and is available on GitHub. Additionally, the data that the meter collects can be downloaded in a machine-readable format by anyone.

